

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

				<b>Complete if Known</b>
Application Number	10/614,399			
Filing Date	07-03-2003			
First Named Inventor	Abrams			
Art Unit	1771			
Examiner Name	JUSKA, CHERYL ANN			
Sheet	1	of	3	Attorney Docket Number 4811-18

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2,592,602	04/15/52	Saks	
	2	2,999,763	09/12/61	Sommer	
	3	3,215,584	11/02/65	McConnell et al.	
	4	3,314,845	04/18/67	Perri	
	5	3,377,232	04/09/68	Mencock et al.	
	6	3,459,579	08/05/69	Newman	
	7	3,496,054	02/17/70	Baigas	
	8	3,660,200	05/02/72	Anderson et al.	
	9	3,772,132	11/13/73	Dulin, Jr.	
	10	3,803,453	04/09/74	Hull	
	11	3,900,676	08/19/75	Alderson	
	12	3,969,559	07/13/76	Boe	
	13	4,025,678	05/24/77	Frank	
	14	4,218,501	08/19/80	Kameya et al.	
	15	4,430,372	02/07/84	Knoke et al.	
	16	4,465,723	08/14/84	Knoke et al.	
	17	5,077,116	12/31/91	Lefkowitz	
	18	6,436,506	08/20/02	Pinter et al.	
	19	6,676,796	01/13/04	Pinter et al.	
	20	2007/0003761	01/04/07	Miyazono et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> ; Number <sup>4</sup> ; Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	21	AT E 93 557	08/24/88	HIGH VOLTAGE GRAPHICS INC		(believed to correspond to US 4810549 previously disclosed)
	22	AU 606651	02/14/91	ABRAMS		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CJ/

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

2

of

3

**Complete if Known**

Application Number	10/614,399
Filing Date	07-03-2003
First Named Inventor	Abrams
Art Unit	1771
Examiner Name	JUSKA, CHERYL ANN
Attorney Docket Number	4811-18

23	AU 653994	10/20/94	ABRAMS		
24	CA 1306411	08/18/92	ABRAMS		
25	CA 2010076	08/14/90	ABRAMS		
26	CA 2064300	09/29/92	ABRAMS		
27	DE 3883517	05/05/94	ABRAMS		(believed to correspond to WO8901829 previously disclosed)
28	EP 0122656	10/24/84	DENOJEAN		
29	EP 0506601	09/30/92	Abrams		
30	EP 0913271	10/14/98	Lion		
31	FR 2543984	10/12/84	Denojean		(Abst)
32	FR 2846202	04/30/04	FONTENEAU TANIME CHARLES		(Abst)
33	GB 1171296	11/19/69	T F FIRTH & SONS LTD		
34	GB 2214869	09/13/89	ABRAMS		
35	JP 56107080	08/25/81	TORAY INDUSTRIES		
36	JP 55079143	06/14/80	TORAY INDUSTRIES		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CJ/

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

				<i>Complete if Known</i>	
Sheet	3	of	3	Application Number	10/614,399
				Filing Date	07-03-2003
				First Named Inventor	Abrams
				Art Unit	1771
				Examiner Name	JUSKA, CHERYL ANN
				Attorney Docket Number	4811-18

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

Examiner Initials*	Cite No. <sup>1</sup>	
/CJ/	37	"Bicomponent Fibers", available at <a href="http://web.utk.edu/~mse/pages/Textiles/Bicomponent%20fibers.htm">http://web.utk.edu/~mse/pages/Textiles/Bicomponent%20fibers.htm</a> , Updated April, 2004, 8 pages

Examiner Signature	/Cheryl Juska/	Date Considered	10/28/2007
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.